

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP COMMITTEE
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number: 14-409

PROJECT INFORMATION

Project Title: Little Horn Mountains #3 (754)

Region and Game Management Unit: 41

Local Habitat Partnership Committee (LHPC):

- SWAHPC

Was the project presented to the LHPC?

YES☒ **NO**☐

Has this project been submitted in previous years? YES☐ NO☒

If Yes, was it funded? YES☐ NO☐ → **Funded HPC Project #(s):**

Project Type: Water Development

Brief Project Summary: Replace the existing system (ring tank and apron) with new underground storage components and a walk-in trough.

Big Game Wildlife Species to Benefit: Mule deer and bighorn sheep.

Implementation Schedule (Month/Day/Year):

Project Start Date:

March 13, 2015

Project End Date:

March 15, 2015

Environmental Compliance:

NEPA Completed: Yes☒ No☐ N/A☐

Projected Completion Date: _____

State Historic Preservation Office - Archaeological Clearance:

Yes☒ No☐ N/A☐

Projected Completion Date: _____

Arizona Game and Fish Department EA Checklist: N/A☒

To be Completed by: Courtney Shanley

Projected Completion Date: October 2014

PROJECT FUNDING

Special Big Game License Tag Funds Requested:

\$ 17,748.80

Cost Share or Matching Funds:

\$ 12,624.00

Total Project Costs:

\$ 30,372.80

PARTICIPANT INFORMATION

Applicant (please print):

Courtney Shanley

Address:

9140 E. 28th Street, Yuma AZ

E-mail:

cshanley@azgfd.gov

Telephone: 928.856.0702

Date: 8/30/2014

AGFD Contact and Phone No. (If applicant is not AGFD personnel):

Project has been coordinated with:

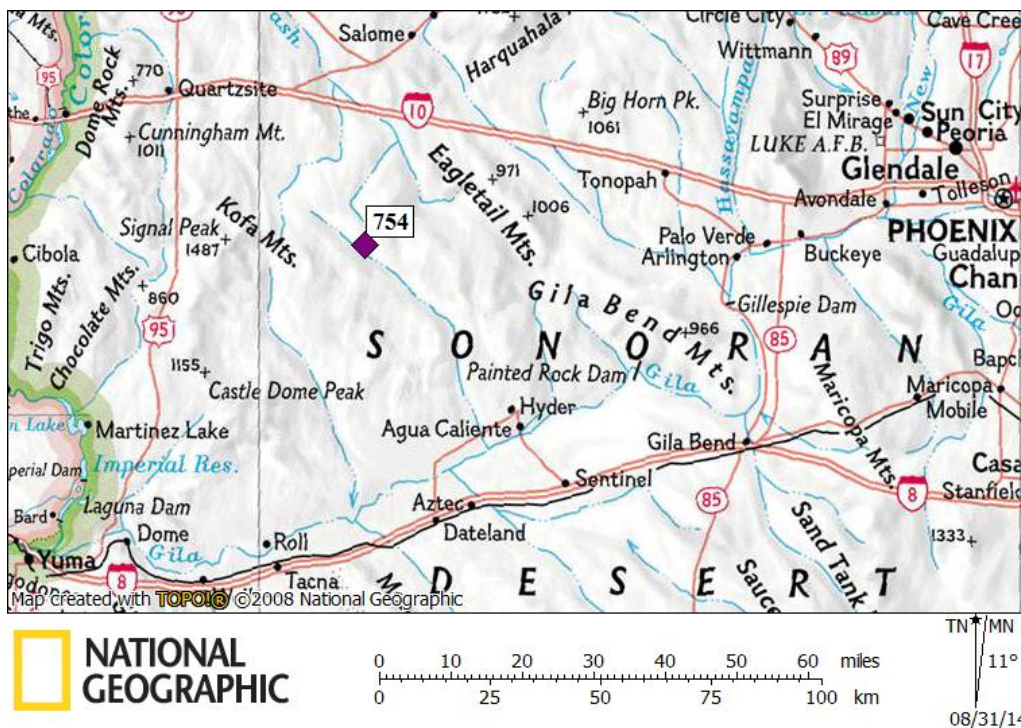
Joe Currie

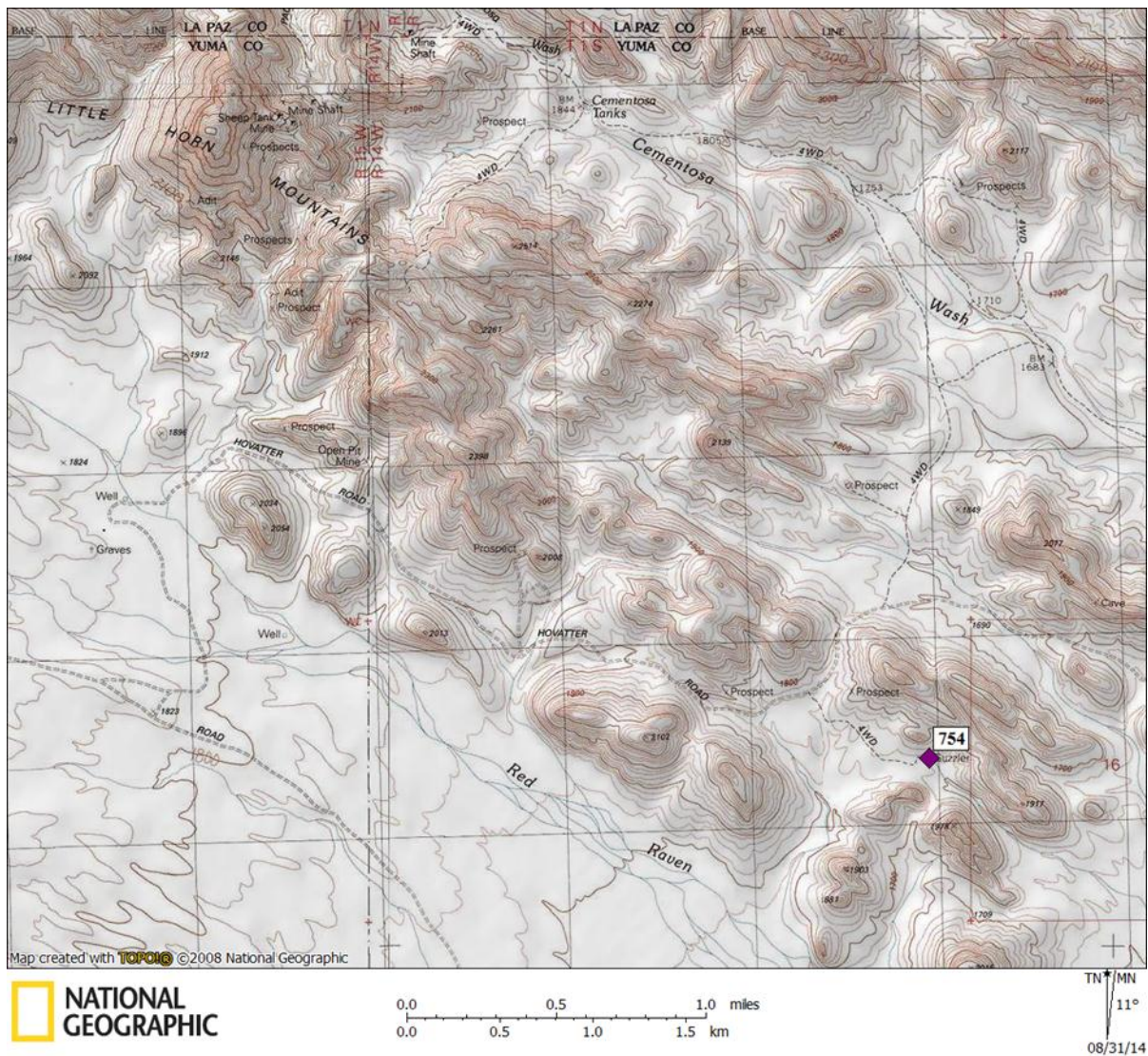
NEED STATEMENT – PROBLEM ANALYSIS: This catchment was originally constructed in 1969. The existing ring tank and apron are outdated and the reliability of this water catchment has become a concern due to its age. Furthermore, the water level in the trough is regulated by a float valve which is very susceptible to malfunction, damage by animals, and vandalism. This area receives little rainfall, and in years of drought and heavy use by mule deer, water hauling is most usually necessary. In addition, this catchment's location is very remote, time consuming to travel to, and very difficult to haul water to. If this water catchment were to fail, the mule deer population that relies on it would surely suffer.

PROJECT OBJECTIVES: Develop a new permanent water source for mule deer by adding an underground storage system, a trough, and a collecting point. This will result in a more reliable supply of water, and reduce the amount of time and money spent hauling to this catchment.

PROJECT DESCRIPTION AND STRATEGIES: Bury PVC pipes and install a trough and collecting point using volunteer labor.

PROJECT LOCATION: N 33 20.552, W 113 43.177





LAND OWNERSHIP AT THE PROJECT SITE(S):

(if the project area is private property, please state specifically and provide the landowner's name)

- Bureau of Land Management (BLM)

IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

YES[] NO[] N/A[]

HABITAT DESCRIPTION: Lower Colorado River Sonoran Desert Scrub.

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

480 feet of 24 inch PVC pipe = \$12,062.11

8 end caps = \$2,086.69

1 standard fiberglass walk-in trough = \$800.00

Concrete and miscellaneous plumbing supplies and equipment = \$1,500.00

ADWR application fee and posting costs = \$1,300.00

Total = \$17,748.80

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

Yuma Valley Rod and Gun Club will donate 6 inch pipe lines and miscellaneous plumbing supplies = \$250.00

Yuma Valley Rod and Gun Club will donate use of a backhoe and trailers to haul materials and supplies to the site = \$3,000.00

Yuma Valley Rod and Gun Club will supply 20 volunteers to complete the project = \$9,374.00

Total = \$12,624.00

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Yuma Valley Rod and Gun Club will provide equipment and volunteer manpower.

WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?

YES[] NO[X] N/A[]

PROJECT MONITORING PLAN: Courtney Shanley (WM) will maintain the new system according to Region IV water maintenance protocol. This includes checking the water catchment as needed to

prevent it from going dry, and coordinating water hauling when needed.

PROJECT MAINTENANCE: If water hauling is required, Region IV personnel will take the lead and insure that water is hauled to the catchment. Minor maintenance such as measuring water level and cleaning the collecting point will be performed by Courtney Shanley

PROJECT COMPLETION REPORT TO BE FILED BY: Courtney Shanley, Wildlife Manager
GMU41

WATER DEVELOPMENT PROJECTS *(please use the worksheet below):*

TREE CLEARING/REMOVAL PROJECTS *(please use the worksheet below):*
N/A

ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET

PROJECT TITLE: #754 Little Horn Mountains #3

- 1) **Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?"** YES
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**
Joe Currie
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**
☐2-4 ☒4-6 ☐6-8 ☐8-10 ☐10-12 ☐12-14 ☐14-16 ☐ >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**

YES☒ (please complete #5 below) NO☐ (skip #5 below)

- 5) **For the accessible, perennial water source nearest this project:**
Name of water source: #609
Type of water source (catchment, spring, dirt tank): catchment
Ownership of water source: BLM
Distance in miles from project: 2.25 miles
- 6) **Is the target wildlife species a result of transplant efforts?** YES☐ NO☒
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**
- 8) **Please provide the following information about access to the proposed site:**
Type of access (mark one): ☐2x4 vehicles ☒4x4 only ☐foot only**

**If foot access only: Distance in miles: _____ Approximate hiking time: _____

-- Does access to this site require crossing private or tribal lands? YES☐ NO☒

-- Please describe any restrictions to public access:

- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**

24 inch PVC pipe

1- 3'd x 4'w fiberglass walk-in trough

2-

- 10) **Was a site visit completed?** Yes☒ No☐

If Yes, please list personnel that attended and date. John Hervert.